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Lappe

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[54] CHANGEABLE MACHINE READABLE ASSAYING INDICIA

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Related U.S. Application Data

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[52] **U.S. Cl.** 235/375; 235/462.04; 235/494; 422/56

[56] References Cited

U.S. PATENT DOCUMENTS

 4,042,329
 8/1977
 Hochestrasser
 422/58

 4,059,407
 11/1977
 Hochestrasser
 422/56

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[57] ABSTRACT

A machine readable assaying system including an assay card having a machine readable assaying indicia located upon a surface of the card. At least one analysis element is provided with the assaying indicia, and is capable of monitoring a parameter to detect and optically signal the presence or absence of a desired state. The analysis elements composing, at least in part, an assaying mechanism in the form a pattern of elements, generally additionally including at least one fixed element, and or at least one blank region.

13 Claims, 7 Drawing Sheets

